

## Prof. Hüseyin Toros



### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: E-6222-2012

ScopusID: 6506734085

Yoksis Researcher ID: 18341

### Education Information

Associate Degree, Anadolu University, Open Education Faculty, Department Of Management And Organization, Turkey 2012 - 2015

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Meteoroloji Mühendisliği Anabilim Dalı, Turkey 1994 - 2000

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Meteoroloji Mühendisliği Anabilim Dalı, Turkey 1991 - 1993

Undergraduate, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Meteoroloji Mühendisliği Bölümü, Turkey 1984 - 1989

### Foreign Languages

English

### Certificates, Courses and Trainings

Education Management and Planning, Integrated Modelling of Meteorological and Chemical Transport Processes / Impact of Chemical Weather on Numerical Weather Prediction and Climate Modelling, MUSCATEN, 2011

Vocational Training, Weather Research and Forecasting (WRF) model workshop for Middle Eastern scientists, faculty, and students, UCAR, 2011

Education Management and Planning, Öğretmenlik Formasyonu, İstanbul Teknik Üniversitesi, 1997

### Dissertations

Doctorate, İstanbul'da asit yağışları, kaynakları ve etkileri, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Meteoroloji Mühendisliği Anabilim Dalı, 2000

Postgraduate, Klimatolojik serilerden Türkiye ikliminde trend analizi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Meteoroloji Mühendisliği Anabilim Dalı, 1993

## **Research Areas**

Atmospheric Sciences and Meteorological Engineering, Climate, Climate Change and Climate Modeling, Environmental Engineering, Environmental Technology, Air Pollution and Control, Air Pollution Modeling, Effects of Air Pollution, Engineering and Technology

## **Academic Titles / Tasks**

Professor, İstanbul Technical University, Uçak ve Uzay Bilimleri, Meteoroloji Mühendisliği, 2018 - Continues  
Associate Professor, İstanbul Technical University, Uçak ve Uzay Bilimleri, Meteoroloji Mühendisliği, 2012 - 2018  
Research Assistant, İstanbul Technical University, Uçak ve Uzay Bilimleri, Meteoroloji Mühendisliği, 2009 - 2012  
Lecturer PhD, İstanbul Technical University, Bilişim Enstitüsü, Bilişim (Dr), 2002 - 2009  
Research Assistant, İstanbul Technical University, Uçak ve Uzay Bilimleri, Meteoroloji Mühendisliği, 1991 - 2001  
Expert, İstanbul Technical University, Uçak ve Uzay Bilimleri, Uzay Mühendisliği, 1990 - 1991

## **Academic and Administrative Experience**

Assistant Director of the Institute, İstanbul Technical University, Fen Bilimleri Enstitüsü, 2018 - 2019  
Deputy Head of Department, İstanbul Technical University, Uçak ve Uzay Bilimleri, Meteoroloji Mühendisliği, 2013 - 2019

## **Courses**

Atmosfer Bilimlerine Giriş, Undergraduate, 2016 - 2017, 2015 - 2016  
Int Comp Grap, Undergraduate, 2015 - 2016

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Detection and regional analysis of heatwave characteristics in İstanbul**  
Yılmaz M., Kara Y., Çulpan H. C., Can G., Toros H.  
Sustainable Cities and Society, vol.97, 2023 (SCI-Expanded)
- II. **Utilizing ANN for improving the WRF wind forecasts in Türkiye**  
Kara Y., Akalın I. A., Deniz N. G., Dinç U., Ünal Z. F., Toros H.  
Earth Science Informatics, vol.16, no.3, pp.2167-2186, 2023 (SCI-Expanded)
- III. **The impact of COVID-19 measures on air quality in Turkey**  
Dursun S., SAĞDIÇ M., Toros H.  
ENVIRONMENTAL FORENSICS, vol.23, no.1-2, pp.47-59, 2022 (SCI-Expanded)
- IV. **Trend analysis of weather extremes across the coastal and non-coastal areas (case study: Turkey)**  
Abbasnia M., Toros H.  
JOURNAL OF EARTH SYSTEM SCIENCE, vol.129, 2020 (SCI-Expanded)
- V. **Analysis of long-term changes in extreme climatic indices: a case study of the Mediterranean climate, Marmara Region, Turkey**  
Abbasnia M., Toros H.  
PURE AND APPLIED GEOPHYSICS, vol.175, no.11, pp.3861-3873, 2018 (SCI-Expanded)
- VI. **Long-Term Variations of Temperature and Precipitation in the Megacity of Istanbul for the Development of Adaptation Strategies to Climate Change**  
Toros H., Abbasnia M., SAĞDIÇ M., TAYANÇ M.  
ADVANCES IN METEOROLOGY, 2017 (SCI-Expanded)
- VII. **Derivation of PM10 levels using obra on landsat 5 TM images: A case study in Izmir, Turkey**

- Ozelkan E., Karaman M., Mostamandy S., Avci Z. D. U., Toros H.  
Fresenius Environmental Bulletin, vol.24, pp.1585-1596, 2015 (SCI-Expanded)
- VIII. **DERIVATION OF PM10 LEVELS USING OBRA ON LANDSAT 5 TM IMAGES A CASE STUDY IN IZMIR TURKEY**  
emre ö., Muhittin k., Suleiman M., UÇA AVCI Z. D., Toros H.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.4, pp.1585-1596, 2015 (SCI-Expanded)
- IX. **Evaluation of the HIRLAM and HARMONIE Numerical Weather Prediction Models during an Air Pollution Episode over Greater Istanbul Area**  
Toros H., GEERTSEMA G., CATS G.  
CLEAN-SOIL AIR WATER, vol.42, no.7, pp.863-870, 2014 (SCI-Expanded)
- X. **ANALYSIS OF OZONE AND ITS PRECURSORS AT AN URBANIZED AND INDUSTRIALIZED CREEK VALLEY GOLDEN HORN ISTANBUL TURKEY**  
Deniz A., melike ç., İNCECİK S., TOROS H.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.0, 2013 (SCI-Expanded)
- XI. **ANALYSIS OF OZONE AND ITS PRECURSORS AT AN URBANIZED AND INDUSTRIALIZED CREEK VALLEY (GOLDEN HORN, ISTANBUL, TURKEY)**  
Deniz A., Celebi H. M., Incecik S., Toros H.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.22, no.9, pp.2524-2532, 2013 (SCI-Expanded)
- XII. **Spatio-temporal precipitation change assessments over Turkey**  
Toros H.  
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.32, no.9, pp.1310-1325, 2012 (SCI-Expanded)
- XIII. **Spatio-temporal variation of daily extreme temperatures over Turkey**  
Toros H.  
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.32, no.7, pp.1047-1055, 2012 (SCI-Expanded)
- XIV. **Case study of PM pollution in playgrounds in Istanbul**  
Ozdemir H., Mertoglu B., Demir G., DENIZ A., Toros H.  
THEORETICAL AND APPLIED CLIMATOLOGY, vol.108, no.3-4, pp.553-562, 2012 (SCI-Expanded)
- XV. **Temporal and spatial patterns of precipitation variability for annual, wet, and dry seasons in Turkey**  
Ünal Y., DENIZ A., TOROS H., INCECİK S.  
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.32, no.3, pp.392-405, 2012 (SCI-Expanded)
- XVI. **Influence of meteorological factors and emission sources on spatial and temporal variations of PM10 concentrations in Istanbul metropolitan area**  
Ünal Y., TOROS H., DENIZ A., INCECİK S.  
ATMOSPHERIC ENVIRONMENT, vol.45, no.31, pp.5504-5513, 2011 (SCI-Expanded)
- XVII. **Spatial Variation of the Precipitation Chemistry in the Thrace Region of Turkey**  
Şaylan L., CALDAG B., BAKANOGLULLARI F., TOROS H., Yazgan M. S., SEN O., OZKOCA Y.  
CLEAN-SOIL AIR WATER, vol.39, no.5, pp.491-501, 2011 (SCI-Expanded)
- XVIII. **Spatial variations of climate indices in Turkey**  
Deniz A., Toros H., INCECİK S.  
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.31, no.3, pp.394-403, 2011 (SCI-Expanded)
- XIX. **Back Trajectory Analysis of Precipitation Chemistry in the Urban and Forest Areas of Istanbul, Turkey**  
Saylan L., Toros H., SEN O.  
CLEAN-SOIL AIR WATER, vol.37, no.2, pp.132-135, 2009 (SCI-Expanded)
- XX. **Extreme Value Analysis of Istanbul Air Pollution Data**  
Erçelebi S. G., TOROS H.  
CLEAN-SOIL AIR WATER, vol.37, no.2, pp.122-131, 2009 (SCI-Expanded)
- XXI. **Spatial variability of chilling temperature in Turkey and its effect on human comfort**  
Toros H., DENIZ A., SAYLAN L., Sen O., BALOGLU M.  
METEOROLOGY AND ATMOSPHERIC PHYSICS, vol.88, pp.107-118, 2005 (SCI-Expanded)
- XXII. **Solar energy potential for heating and cooling systems in big cities of Turkey**

- Saylan L., Sen O., TOROS H., ARISOY A.  
 ENERGY CONVERSION AND MANAGEMENT, vol.43, no.14, pp.1829-1837, 2002 (SCI-Expanded)
- XXIII. Temporal variability of the precipitation chemistry in the forest area of Istanbul, Turkey**  
 Saylan L., TOROS H., SEN O.  
 INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION, vol.18, no.5, pp.508-516, 2002 (SCI-Expanded)
- XXIV. Urbanization effects on regional climate change in the case of four large cities of Turkey**  
 Tayanc M., Toros H.  
 CLIMATIC CHANGE, vol.35, pp.501-524, 1997 (SCI-Expanded)
- XXV. EFFECTS OF URBANIZATION ON CLIMATE OF ISTANBUL AND ANKARA**  
 KARACA M., TAYANC M., TOROS H.  
 ATMOSPHERIC ENVIRONMENT, vol.29, no.23, pp.3411-3421, 1995 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Türkiyede COVID-19 Sırasında Hava Kirliliğindeki Değişiklikler**  
 KARA Y., TOROS H., DURSUN Ş., Karan H.  
 Journal of Research in Atmospheric Science (JRAS), vol.4, no.2, pp.1-17, 2022 (Peer-Reviewed Journal)
- II. **Evaluation of Air Quality in Eskisehir**  
 Tunç D. Ç., DÜNDAR E., İpek E. A., TOROS H., ULUBEY A.  
 Journal of Research in Atmospheric Science (JRAS), vol.4, no.2, pp.36-40, 2022 (Peer-Reviewed Journal)
- III. **Evaluation of air quality (carbon monoxide) in megacity Istanbul**  
 Ulubey A., Gusev A. L., Dursun Ş., Toros H., Hadcic M.  
 International Scientific Journal for Alternative Energy and Ecology (ISJAEE), vol.4, no.6, pp.106-114, 2021 (Peer-Reviewed Journal)
- IV. **Investigation of Air Pollution in Bursa City Centre**  
 Özkayalar E., DURSUN Ş., TOROS H.  
 Journal of Research in Atmospheric Science (JRAS), vol.3, no.1, pp.13-20, 2021 (Peer-Reviewed Journal)
- V. **Air Pollution Data Analysis Over Van City, Turkey**  
 Al-Bayati R. M., Bulut B., Adeeb H. Q., TOROS H.  
 Journal of Research in Atmospheric Science (JRAS), vol.3, no.1, pp.8-12, 2021 (Peer-Reviewed Journal)
- VI. **Impact of the COVID-19 Event on PM10 Air Pollution in Istanbul and Ankara**  
 Bacak T. N., TOROS H.  
 Journal of Research in Atmospheric Science (JRAS), vol.3, no.1, pp.1-7, 2021 (Peer-Reviewed Journal)
- VII. **Evaluation of Istanbul Air Pollution in Combating COVID-19**  
 Öztürk B., Çöl İ., DİNÇ U., KARA Y., ÜNAL Z. F., TOROS H., Ulubey A.  
 International Scientific Journal for Alternative Energy and Ecology, vol.1, no.3, pp.91-101, 2021 (Peer-Reviewed Journal)
- VIII. **Lockdown effects on air pollution with meteorological conditions in Istanbul**  
 ÜNAL Z. F., KARA Y., Dinç U., ÖZTÜRK R., Çöl İ., Öztürk B., TOROS H., ULUBEY A.  
 International Scientific Journal for Alternative Energy and Ecology, vol.1, no.3, pp.77-90, 2021 (Peer-Reviewed Journal)
- IX. **Investigation of the Effects of the Measures of the Corona-19 Virus Outbreak on the Konya Atmospheric PM**  
 Al-Lami A. M., TOROS H., SAĞDIÇ M., DURSUN Ş.  
 J. Int. Environmental Application & Science, vol.16, no.2, pp.53-62, 2021 (Peer-Reviewed Journal)
- X. **Evaluation of Air Quality in 2020 in Ankara**  
 Tosun H. N., DURSUN Ş., TOROS H.  
 Journal of Research in Atmospheric Science (JRAS), vol.3, no.1, pp.21-28, 2021 (Peer-Reviewed Journal)
- XI. **Relationship between air pollution and COVID-19 in Bursa, Turkey**  
 Yiğiter K., Toros H.

- Journal of Research in Atmospheric Science, vol.2, no.2, pp.36-40, 2020 (Peer-Reviewed Journal)
- XII. **İstanbul Baraj Doluluk Oranlarının Zamansal İncelenmesi ve Çözüm Önerileri**  
Yılmaz F., Yılmaz İ., Toros H.  
Journal of Research in Atmospheric Science, vol.2, no.2, pp.51-55, 2020 (Peer-Reviewed Journal)
- XIII. **Relationship Between Air Pollution and COVID-19 measures in İzmir, Turkey**  
Bilgin M., Toros H.  
Journal of Research in Atmospheric Science, vol.2, no.2, pp.41-45, 2020 (Peer-Reviewed Journal)
- XIV. **Effect of Covid-19 Outbreak on Particulate Matter Pollution in Istanbul City Centre**  
Kılıç Y. S., Dursun Ş., Toros H.  
Journal of Research in Atmospheric Science, vol.2, no.2, pp.31-35, 2020 (Peer-Reviewed Journal)
- XV. **The Impact of COVID-19 on Air Quality in the city of Adana, Turkey**  
Tunç D. Ç., Toros H.  
Journal of Research in Atmospheric Science, vol.2, no.2, pp.46-50, 2020 (Peer-Reviewed Journal)
- XVI. **Pak. J. Anal. Environ. Chem.**  
Sassi A., Ivanov S., Toros H., Dursun Ş.  
Pak. J. Anal. Environ. Chem., vol.21, no.2, pp.202-208, 2020 (ESCI)
- XVII. **Evaluation of Dilovası Air Quality Accordance with National Legislation**  
Yılmaz M., Beba H. E., Dinç U., Ünal Z. F., Toros H., ÖzTÜRK Z.  
Avrupa Bilim ve Teknoloji Dergisi, no.19, pp.703-714, 2020 (Peer-Reviewed Journal)
- XVIII. **AIR QUALITY OF KARAMAN CITY, TURKEY**  
Mankolli H., Toros H., Dursun S.  
INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE-IJEEES, vol.10, no.3, pp.491-500, 2020 (ESCI)
- XIX. **Automatic Interpretation and Reporting for Air Quality Data**  
Toros H., Gültekin H., Bağış S.  
Journal of Research in Atmospheric Science, vol.1, no.1, pp.23-28, 2020 (Peer-Reviewed Journal)
- XX. **Assessment of Air Pollution in Trabzon During COVID-19 Measures**  
Kara Y., Dursun Ş., Toros H.  
Journal of Research in Atmospheric Science, vol.2, no.1, pp.1-6, 2020 (Peer-Reviewed Journal)
- XXI. **The Effect of COVID-19 outbreak on Air Quality of Istanbulcity centre**  
Bacak T. N., Dursun Ş., Toros H.  
Journal of Research in Atmospheric Science, vol.2, no.1, pp.7-11, 2020 (Peer-Reviewed Journal)
- XXII. **Air Pollution in Ankara During COVID-19**  
Dündar E., Dursun Ş., Toros H.  
Journal of Research in Atmospheric Science, vol.2, no.1, pp.24-30, 2020 (Peer-Reviewed Journal)
- XXIII. **Relationship Between Particulate Air Pollution and Meteorological Variables in Kocaeli**  
Hojamkulyyeva A., Dursun Ş., Toros H.  
Journal of Research in Atmospheric Science, vol.2, no.1, pp.17-23, 2020 (Peer-Reviewed Journal)
- XXIV. **Overall Evaluation of NO, NO<sub>2</sub>, NO<sub>x</sub>, Gasses in Turkey and Their Data Quality Control**  
Kara Y., Karakaya T., Pirselimoğlu G., Dursun Ş., Toros H.  
Journal of Research in Atmospheric Science, vol.2, no.1, pp.42-46, 2020 (Peer-Reviewed Journal)
- XXV. **Dilovası Hava Kirliliğinin Trafik Emisyonları Açısından Değerlendirilmesi (Evaluation Of Dilovası Air Pollution in Terms of Traffic Emission)**  
Yılmaz M., Toros H., İncecik S., ÖzTÜRK Z., Kirkil G., Öztaş D., Akçay M., Dinç U., Gültekin M., Emanet Beba H., et al.  
Ulusal Çevre Bilimleri Araştırma Dergisi (UCBAD), vol.3, no.1, pp.43-51, 2020 (Peer-Reviewed Journal)
- XXVI. **Analysis of Climate in the Megacity of Istanbul Based on Human Bioclimatic Comfort Index**  
Abbasnia M., Toros H., Memarian H.  
Journal of Research in Atmospheric Science, vol.1, no.1, pp.18-22, 2019 (Peer-Reviewed Journal)
- XXVII. **Air Pollution Forecasting for Ankara with Machine Learning Method**  
Ünal Z. F., Dinç U., Özgen C., Toros H.  
Journal of Research in Atmospheric Science, vol.1, no.1, pp.42-48, 2019 (Peer-Reviewed Journal)
- XXVIII. **Evaluation of PM10 Behaviour in İğdır**

- Güçük C., Şahin E., Bektaş M., Aras E., Çinioğlu R., Domaç Z., Nazaroğlu M., Bingül Z., Toros H.  
Journal of Research in Atmospheric Science, vol.1, no.1, pp.1-9, 2019 (Peer-Reviewed Journal)
- XXIX. **Investigation of Air Pollution Using a Model in Dilovası and GebzeRegion: A New Approach**  
Yılmaz M., Toros H., İncecik S., Öztürk Z., Kirkil G., Öztaş D., Akçay M., Dinç U., Gültekin M., Emanet H., et al.  
Journal of Research in Atmospheric Science, vol.1, no.1, pp.49-52, 2019 (Peer-Reviewed Journal)
- XXX. **Air Pollution Reduction with Intelligent Transportation Systems:Dilovası Scenario**  
Öztürk Z., Arslantaş O. A., Beba H. E., Yılmaz M., Toros H.  
Journal of Research in Atmospheric Science, vol.1, no.1, pp.10-14, 2019 (Peer-Reviewed Journal)
- XXXI. **Investigation of Air Pollliation Using a Modal in Dilovası and Gebze Region: A New Approach**  
Yılmaz M., Toros H., İncecik S., Öztürk Z., Kirkil G., Öztaş D., Akçay M., Dinç U., Gültekin M., Emanet H., et al.  
Journal of Research in Atmospheric Science (JRAS), vol.1, no.1, pp.49-52, 2019 (Peer-Reviewed Journal)
- XXXII. **Regional variability of temperature extremes in the maritime climate of Turkey: a case study to develop agricultural adaptation strategies under climate change**  
Toros H., Mokari M., Abbasnia M.  
MODELING EARTH SYSTEMS AND ENVIRONMENT, vol.5, no.3, pp.857-865, 2019 (ESCI)
- XXXIII. **Disiplinlerarası Fen, Teknoloji,Mühendislik ve Matematik Eğitimi:Meslek Lisesi Memleket Meselesi**  
TOPÇU M. S., TOROS H.  
İTÜ Vakfı Dergisi, 2019 (Non Peer-Reviewed Journal)
- XXXIV. **Prediction of Short-Term Electricity Consumption by Artificial Neural Networks Using Temperature Variables**  
Aydın D., TOROS H.  
Avrupa Bilim ve Teknoloji Dergisi, pp.393-398, 2018 (Peer-Reviewed Journal)
- XXXV. **Simulating Heavy Precipitation with HARMONIE, HIRLAM and WRF-ARW: A Flash Flood Case Study in İstanbul, Turkey**  
TOROS H., KAHRAMAN A., Tilev Tanrıöver Ş., Geertsema G., Cats G.  
Avrupa Bilim ve Teknoloji Dergisi, no.13, pp.1-12, 2018 (Peer-Reviewed Journal)
- XXXVI. **Ankara'da Hava Kirliliği Mekânsal Dağılımının Modellenmesi**  
TOROS H., Bağış S., Gemici Z.  
Ulusal Çevre Bilimleri Araştırma Dergisi, vol.1, no.1, pp.20-53, 2018 (Peer-Reviewed Journal)
- XXXVII. **Hava Kirlilik Modellerinde Kullanılacak Emisyon Envanteri Oluşturulması için Yaklaşımlar ve İstanbul Hava Kirliliği Dağılımı Örneği**  
TOROS H., Bağış S.  
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.32, no.2, pp.1-12, 2017 (Peer-Reviewed Journal)
- XXXVIII. **Future changes in maximum temperature using the statistical downscaling model (SDSM) at selected stations of Iran**  
Abbasnia M., Toros H.  
MODELING EARTH SYSTEMS AND ENVIRONMENT, vol.2, no.2, 2016 (ESCI)
- XXXIX. **Investigation of interactive effects between temperature trend and urban climate during the last decades a case study of Isfahan Iran**  
Abbasnia m., Tavousi T., Mahmood K., TOROS H.  
EJOSAT: European Journal of Science and Technology, Avrupa Bilim ve Teknoloji Dergisi, 2016 (Peer-Reviewed Journal)
- XL. **Yaz ve Kış Saati Uygulamasının Türkiye için Değerlendirilmesi**  
KOCALAR A. O., TOROS H.  
Avrupa Bilim ve Teknoloji Dergisi, vol.1, no.3, pp.59-68, 2014 (Peer-Reviewed Journal)
- XLI. **Climate Change and the Changes in Regional Precipitation**  
DURSUN Ş., KUNT F., TOROS H., Hussein M.  
International Journal of Ecosystems and Ecology Sciences, 2014 (Peer-Reviewed Journal)
- XLII. **Air Pollution and Quality Level in Metropolitan Turkey for Sustainable life**  
Toros H., Hakan E., Özkan Ç., Özer B., Esra D., Öztürk A. İ.  
Avrupa Bilim ve Teknoloji Dergisi, vol.1, no.1, pp.12-18, 2013 (Peer-Reviewed Journal)

- XLIII. Online Load Shifting Of Electricity Production Consumption For Reducing Environmental Hazard**  
 TOROS H., AYAZ R., AJDER A., DURUSU A., Yıldırım H.  
 Avrupa Bilim ve Teknoloji Dergisi, 2013 (Peer-Reviewed Journal)
- XLIV. Evaluation of Hirlam and Harmonie precipitation forecasts for the Istanbul flash flood event of September 2009**  
 TOROS H., Gertie G., Gerard C.  
 Hirlam Newsletter, no.56, pp.37-46, 2010 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. Hava Öngörüsü**  
 ASİLHAN S., AKATAŞ N., KAHYA C., TOPÇU H. S., SAKARYA S., KOÇAK K., EYİĞÜLER E. C., ÇAKIR S., BORHAN Y., ŞEN N., et al.  
 in: Meteoroloji Atmosferimizi Anlamak, KADIOĞLU MİKDAT, ÇAKIR SEDEF, Editor, Nobel Akademik Yayıncılık, pp.402-441, 2015
- II. İnsanın İklim Üzerine Etkileri**  
 TOROS H.  
 in: METEOROLOJİ Atmosferimizi Anlamak, Mikdat Kadioğlu, Sedef Çakır, Editor, Nobel Akademik Yayıncılık Eğitim Danışmanlık Tic. Ltd. Şti, pp.473-498, 2015
- III. Meteorological Modeling of the PM10 Episode in the Creek Valley of Golden Horn Harbour, Istanbul Under Very Stable Conditions for November 6-9, 2010 Episode**  
 Seyda T., Kahraman A., incezik s., DENİZ A., Melike Ç., ÖZTÜRK A., Sezen İ.  
 in: Air Pollution Modeling and its Application XXII NATO Science for Peace and Security Series C Environmental Security, Steyn, DG; Buitjes, PJH; Timmermans, RMA, Editor, Springer Netherlands, pp.685-692, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. Statistical Analysis of Air Pollutants in Türkiye and its Connection With Covid 19**  
 Toros H.  
 1th International Congress of New Horizons in Sciences, İstanbul, Turkey, 25 - 26 November 2022, vol.1, pp.17
- II. Air Quality Status in Konya City Centre, Konya, Turkey during Pandemic Covid-19**  
 Yahaya N., Jalaludin J., Toros H., Dursun S.  
 1st International Conference of Air Quality and Climate Change, AQCC 2021 and 3rd Malaysia Air Quality Annual Symposium, MAQAS 2021, Virtual, Online, 17 - 18 November 2021, vol.1013
- III. INVESTIGATION OF THE EFFECT OF CORONA VIRUS OUTBREAK MEASURES ON ATMOSPHERIC PM VALUES FOR KONYA CITY CENTRE**  
 Motar Shayia A., TOROS H., DURSUN \$.  
 INTERNATIONAL SYMPOSIUM FOR ENVIRONMENTAL SCIENCE AND ENGINEERING RESEARCH(ISESER2020), Konya, Turkey, 4 - 05 July 2020, vol.1, pp.15
- IV. AIR QUALITY ASSESSMENT IN KONYA CITY CENTER DURING FIRST HALF OF 2020 YEAR**  
 Zaitun Yahaya N., TOROS H., DURSUN \$.  
 International Symposium for Environmental Science and Engineering Research (ISESER2020), Konya, Turkey, 4 - 05 July 2020, vol.1, pp.16
- V. INVESTIGATION OF AIR QUALITY IN THE PROVINCE OF KARAMAN CITY CENTRE**  
 Mostamandy S., TOROS H., Sağıdıç M., DURSUN \$.  
 International Symposium for Environmental Science and Engineering Research (ISESER), Konya, Turkey, 4 - 05 July 2020, vol.1, pp.36
- VI. THE EFFECT OF PARTICULATE MATTER POLLUTION OF SAHARAN DUST OVER EUROPE IN MAY-2020: A CASE STUDY OF KARAMAN CITY CENTER, TURKEY**

- Ivanov S., TOROS H., DURSUN Ş.  
International Symposium for Environmental Science and Engineering Research (ISESER2020, Konya, Turkey, 4 - 05 July 2020, vol.1, pp.19
- VII. **A Monthly Assessment of Human Bioclimatic Comfort Conditions in Istanbul**  
Abbasnia M., TOROS H.  
9th International Symposium on Atmospheric Sciences, ATMOS-2019, 23 - 26 October 2019
- VIII. **Air Pollution Forecasting for Ankara with Machine Learning Method**  
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## Metrics

Publication: 149

Citation (WoS): 575

Citation (Scopus): 648

H-Index (WoS): 11

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## Visual Activities

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MİLLÎ EĞİTİM BAKANLIĞI

İTÜ Uçak ve Uzay

İTÜ Uçak ve Uzay

İTÜ Bilişim Enstitüsü

İTÜ Uçak ve uzay

İTÜ Uçak ve uzay